

## AMENDMENTS TO THE CLAIMS

1. (currently amended) A swinging seat with resilient suspension, comprising:

a seat having at least a bottom for supporting one or more persons sitting thereon; and

a pair of suspension members having lower ends attached to opposite ends of the seat and upper ends adapted to be attached to a ceiling structure for suspending the seat therefrom;

at least one adjustable tension suspension device between said suspension members and said ceiling structure wherein said adjustable tension suspension device comprises a spring tension adjuster, a spanner and at least one coil spring there between wherein said coil spring has a plurality of coils defining at least first and second zones of differing initial spring constant, the first zone being formed by coils providing a first initial spring constant when said coils are initially stretched, the second zone being formed by coils providing a second initial spring constant substantially greater than the first initial spring constant when said coils are initially stretched, whereby the two zones provide a desired level of resilience for a wide range of weights supported on the seat.

2. (canceled)

3. (currently amended)      The seat of ~~claim 2~~ claim 1, wherein the coils in said first and second zones are wound helically about an axis of the spring and the coils in said first zone are wound at a diameter from the axis that is substantially greater than that at which the coils in said second zone are wound.

4. (original)      The seat of claim 1 wherein said spring tension adjuster comprises suspension locators for position said coil spring along said spring tension adjuster.

5. (original)      The seat of claim 4 wherein said suspension locators are notches.

6. (original)      The seat of claim 1 comprising two said coil springs between said spring tension adjuster and said spanner.

7. (original)      The seat of claim 6 wherein said two coil springs each have a different spring constant.

8. (original)      A swinging seat with resilient suspension, comprising:

        a seat having at least a bottom for supporting one or more persons sitting thereon; and

a pair of suspension members having lower ends attached to opposite ends of the seat and upper ends adapted to be attached to a ceiling structure for suspending the seat therefrom;

at least one adjustable tension suspension device between said suspension members and said ceiling structure wherein said adjustable tension suspension device comprises a spring tension adjuster, a spanner and a coil spring there between; and

wherein said coil spring has a plurality of coils defining at least first and second zones of differing initial spring constant, the first zone being formed by coils providing a first initial spring constant when said coils are initially stretched, the second zone being formed by coils providing a second initial spring constant substantially greater than the first initial spring constant when said coils are initially stretched, whereby the two zones provide a desired level of resilience for a wide range of weights supported on the seat.

9.(original) A swing comprising an adjustable tension suspension device comprising:

a spring tension adjuster, a spanner and a coil spring there between; and

wherein said coil spring has a plurality of coils defining at least first and second zones of differing initial spring constant, the first zone being formed by coils providing a first initial spring constant when said coils are initially stretched, the second zone being formed by coils providing a second initial spring constant substantially greater than the first initial spring constant when said coils are initially stretched.

10.(original) The swing of claim 9 wherein said coil spring is positioned along said spring tension adjuster.

11.(original) The swing of claim 9 comprising a second coil spring.

12.(original) The swing of claim 9 comprising a link between said spring tension adjuster and said spanner.

13.(original) The swing of claim 12 wherein said link is an arrest link.

14.(original) The swing of claim 9 wherein said spanner is a spring tension adjuster.

15.(original) A method for converting a swing to an adjustable tension suspension swing comprising:  
removing a suspension device between said swing and a fitting;  
inserting an adjustable tension suspension device between said swing and said fitting wherein said adjustable tension suspension device comprises:

a spring tension adjuster, a spanner and a coil spring there between; and

wherein said coil spring has a plurality of coils defining at least first and second zones of differing initial spring constant, the first zone being formed by coils providing a first initial spring constant when said coils are initially stretched, the second zone being formed by coils providing a second initial spring constant substantially greater than the first initial spring constant when said coils are initially stretched, whereby the two zones provide a desired level of resilience for a wide range of weights supported on the seat.

16.(original) The method for converting a swing to an adjustable tension suspension swing of claim 15 further comprising:

attaching a second coil spring between said spring tension adjuster and said spanner.

17.(original) The method for converting a swing to an adjustable tension suspension swing of claim 15 further comprising:

attaching a link between said spring tension adjuster and said spanner.

18.(original) A kit for converting a swing to an adjustable tension suspension swing comprising:

at least one spring tension adjuster, at least one spanner and at least one coil spring for inserting there between; and wherein said coil spring has a plurality of coils defining at least first and second zones of differing initial spring constant, the first zone being formed by coils providing a first initial spring constant when said coils are initially stretched, the second zone being formed by coils providing a second initial spring constant substantially greater than the first initial spring constant when said coils are initially stretched, whereby the two zones provide a desired level of resilience for a wide range of weights supported on the swing.

19.(original) The kit of claim 18 further comprising a link.

20.(original) The kit of claim 19 wherein said link is an arrest link.

21.(original) The kit of claim 18 wherein said coil spring is positionable along said spring tension adjuster.